| <br>dex o | <br> |
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|           |      |

Application/Control No.

10/673,276

Examiner

Gregory J. Strimbu

Applicant(s)/Patent under Reexamination

NOZAKI, MASAHIRO

Art Unit

3634

| 7  | Rejected |
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| 11 | Allowed  |

(Through numeral) Cancelled Restricted

Non-Elected N Interference

**Appeal** Α 0 Objected

|          |          | L_           |          |          |              |      | J        |          | L        | Ц_       |          |       |          |          | _ |  | _ |
|----------|----------|--------------|----------|----------|--------------|------|----------|----------|----------|----------|----------|-------|----------|----------|---|--|---|
| Cia      | aim      | Т            |          |          | -            | Date | e        |          |          |          | 1        | Cla   | aim      | Г        |   |  | _ |
| Final    | Original | 8/16/06      |          |          |              |      |          |          |          |          |          | Final | Original |          |   |  |   |
| -        | 1        | 1            | -        | ┢        | ┢            | -    | -        | ┢        | $\vdash$ | ┢        | 1        |       | 51       |          | _ | <del> </del>                                     | t |
| -        |          | ij.          | -        |          |              |      |          |          |          |          | 1        |       | 52       |          |   | _  | t |
|          | 3        | 7)           |          |          | Г            |      |          |          |          |          | 1        |       | 53       |          | Т |  | T |
|          | 4        | W<br>V       |          |          |              |      |          |          |          |          | <b>i</b> |       | 54       |          |   |  | Γ |
|          | 5        | N            |          |          |              |      |          |          |          |          | ]        |       | 55       |          |   |  | Γ |
|          | 6        | 11           |          |          | L            |      | L        |          | L        | L        |          |       | 56_      |          |   | L  | L |
|          | 7        | Z,           | <u>_</u> | <u> </u> | L            |      |          |          | <u> </u> | L        |          |       | 57       |          |   | L_   | L |
| -        | 8        | V            | <u> </u> | <u> </u> | <u> </u>     | _    | _        |          | <u> </u> | <u> </u> |          |       | 58       |          |   | _  | Ļ |
| -        | 9        | 1            | <u> </u> | _        | <u> </u>     | _    |          | _        | <u> </u> | _        |          |       | 59       | <u> </u> |   | <u> </u>   | ŀ |
|          | 10<br>11 | 1/2          | <u> </u> |          | ⊢            |      | H        | $\vdash$ | H        | H        |          |       | 60<br>61 | $\vdash$ |   | -  | H |
| -        | 12       | 1            | <u> </u> | ├        | ⊢            |      | ⊢        | H        | ⊢        | ⊢        |          |       | 62       |          |   | -  | ╀ |
|          | 13       | N            | ┝        | ├        | $\vdash$     |      |          | _        | -        | $\vdash$ |          |       | 63       |          |   | -  | ŀ |
| <u> </u> | 14       | <b>1</b> /   | _        | ├        | $\vdash$     | _    | -        | $\vdash$ | -        | -        | 1        |       | 64       |          | _ | $\vdash$   | H |
|          | 15       | ã            | -        | $\vdash$ | $\vdash$     | _    | $\vdash$ | -        | -        | ╁        |          |       | 65       |          | _ | $\vdash$   | t |
| ļ        | 16       | Ϊ,           | _        | -        | -            | -    |          |          | -        | -        |          |       | 66       |          |   | $\vdash$   | t |
|          | 17       |              |          | $\vdash$ |              |      |          |          |          | <u> </u> |          |       | 67       |          |   |  | t |
|          | 18       | V            |          |          | $\vdash$     |      |          |          |          | 1        | 1        |       | 68       |          |   |  | T |
|          | 19       | 1            |          | T        | Г            |      |          |          |          |          |          |       | 69       |          |   |  | Γ |
|          | 20       |              |          | П        | П            |      |          |          | Г        | П        |          |       | 70       |          |   |  | Ī |
|          | 21       | l            |          |          |              |      |          |          |          |          | l i      |       | 71       |          |   |  | Γ |
|          | 22       |              |          | L        |              |      |          |          |          |          | li       |       | 72       |          |   |  | I |
|          | 23       | L            | <u> </u> | <u> </u> |              | _    | <u> </u> |          | <u> </u> |          |          |       | 73       |          |   |  | L |
|          | 24       | <u> </u>     |          |          |              |      | _        |          |          | <u> </u> |          |       | 74       |          |   | <u> </u>   | L |
|          | 25       | L            | _        |          |              |      | _        |          |          | _        |          |       | 75       |          |   | <u> </u>   | L |
|          | 26       | ├-           | <u> </u> | <u> </u> | <u> </u>     |      | ļ        |          |          | _        |          |       | 76       | _        |   | _  | Ł |
| -        | 27       | ⊢            | _        | ┝        | H            | _    | ├        |          |          | -        | ŀ        |       | 77<br>78 |          |   |  | ╀ |
| -        | 28<br>29 |              | _        | ├        | _            |      | -        |          | _        | -        |          |       | 79       | _        |   |  | ╀ |
| -        | 30       | ├            | $\vdash$ | ⊢        | ├─           |      | _        |          | $\vdash$ | ├        |          |       | 80       | _        | _ |  | H |
| -        | 31       | <del> </del> | -        | ├─       | ┝            | _    |          |          | _        | ┝        |          |       | 81       | -        |   |  | H |
|          | 32       | <del> </del> | $\vdash$ |          | -            | -    |          |          |          | -        |          |       | 82       |          |   |  | t |
|          | 33       | <u> </u>     |          |          |              |      | <u> </u> | _        |          | H        |          |       | 83       |          |   |  | t |
|          | 34       | Г            | _        |          | $\vdash$     |      | _        |          |          | $\vdash$ |          |       | 84       |          |   |  | T |
|          | 35       |              |          |          |              |      |          |          |          |          |          |       | 85       |          |   |  | T |
|          | 36       |              |          |          |              |      |          |          |          |          |          |       | 86       |          |   |  | Γ |
|          | 37       |              |          |          |              |      |          |          |          |          |          |       | 87       |          |   |  | Γ |
| L        | 38       | L            |          |          |              |      |          |          |          |          |          |       | 88       |          |   |  | L |
| <u> </u> | 39       | <u> </u>     |          |          | <u> </u>     |      |          |          |          | L        |          |       | 89       |          |   |  | L |
|          | 40       | L            |          | _        | _            |      | ļ        |          | _        |          |          |       | 90       |          |   |  | Ļ |
|          | 41       | <u> </u>     | _        | _        | <u> </u>     | _    | <u> </u> | _        | <u> </u> | <u> </u> |          | -     | 91       | _        |   |  | Ł |
|          | 42<br>43 | <b>├</b> ─   | H        | ⊢        | ⊢            | _    | ⊢        | <u> </u> | <u> </u> | ├        |          |       | 92<br>93 | Н        | - | ⊢  | ╀ |
| -        | 44       | ├            | H        | $\vdash$ | <del> </del> | -    | -        |          | ├        | ├        |          |       | 94       | H        |   | $\vdash$   | H |
| -        | 45       | ├-           | $\vdash$ | $\vdash$ | ├            | -    | $\vdash$ |          | -        | $\vdash$ |          |       | 95       | Н        |   | ┝  | H |
|          | 46       | ┢            | $\vdash$ | $\vdash$ | $\vdash$     |      | -        | _        | $\vdash$ | ├        |          |       | 96       | H        |   | <del> </del>                                     | t |
|          | 47       |              | H        | ┢        | -            | _    | ┢        |          | $\vdash$ | ╁╌       |          |       | 97       | H        | _ | $\vdash$   | t |
|          | 48       | Ι            | П        |          |              |      | Н        |          | -        | $t^-$    |          |       | 98       |          |   | <del>                                     </del> | t |
|          | 49       | Г            | П        |          | $\vdash$     | _    | Г        | $\Box$   | П        |          |          |       | 99       |          | _ | $\vdash$   | T |
|          | 50       |              |          |          |              |      |          |          |          |          |          |       | 100      |          |   |  | T |
|          |          |              |          |          |              |      |          |          |          | _        |          |       |          |          |   |  | _ |

| Cla         | aim                  | Γ  |          |              |                                     | Date                      |          |          |  | $\neg$          |
|-------------|----------------------|--|----------|--------------|-------------------------------------|---------------------------|----------|----------|--|-----------------|
|             |                      |  |          |              | Γ                                   |                           |          |          |  | П               |
| Final       | Original             |  |          |              |                                     |                           |          |          |  |                 |
| iĒ          | Ĕ                    |  |          |              |                                     |                           |          |          |  | H               |
|             | Į.                   |  |          | L            |                                     |                           |          |          |  |                 |
|             | 51                   |  | L        |              | L                                   |                           |          |          | L  | Ш               |
|             | 52                   |  |          |              | L                                   |                           | L        |          |  | Ш               |
|             | 51<br>52<br>53       | $ldsymbol{ld}}}}}}$ | <u> </u> | L            |                                     |                           |          |          |  |                 |
|             | 54<br>55             | <u> </u>   | _        | L            | _                                   | _                         |          |          |  | Ш               |
|             | 55                   | <u> </u>   | L_       | <u> </u>     |                                     |                           | _        |          | L_   | Ш               |
|             | 56                   | _  | <u> </u> | <u> </u>     | _                                   | lacksquare                | _        |          | ╙  | Ш               |
|             | 57                   |  | <u> </u> | <u> </u>     | _                                   | <u> </u>                  | <u> </u> | <u> </u> | <u> </u>   | Ш               |
|             | 58                   | <u> </u>   | _        | ┡            | <u> </u>                            | <u> </u>                  |          |          | <u> </u>   | Ш               |
|             | 59                   | <u> </u>   | _        | <u> </u>     | _                                   | _                         | L        | H        |  |                 |
|             | 60<br>61             | <u> </u>   |          |              |                                     |                           | <u> </u> |          | ⊢  | -               |
| $\vdash$    | 60                   | <u> </u>   | <u> </u> | -            | ļ                                   | $\vdash$                  | _        | $\vdash$ | $\vdash$   | $\vdash$        |
| <u> </u>    | 62                   | <u> </u>   | <u> </u> | ├-           | <del> </del>                        | -                         | <u> </u> | $\vdash$ | <u> </u>   | Н               |
| $\vdash$    | D3                   | <u> </u>   | $\vdash$ | $\vdash$     | $\vdash$                            | $\vdash$                  | -        | -        | <del>                                     </del> | $\vdash$        |
|             | 63<br>64<br>65       | <u> </u>   | <u> </u> | $\vdash$     | $\vdash$                            | $\vdash$                  | -        | $\vdash$ | ├-   | $\vdash \vdash$ |
| _           | 66                   | <u> </u>   | <u> </u> | $\vdash$     | -                                   |                           | -        | $\vdash$ | <u> </u>   |                 |
| <u> </u>    | 66<br>67             | <del>                                     </del>   | $\vdash$ | $\vdash$     | -                                   | $\vdash$                  | $\vdash$ | -        | $\vdash$   | $\vdash\vdash$  |
| -           | 68                   | <u> </u>   | ┝        | ⊢            | _                                   | ⊢                         | ┝        | $\vdash$ | ┝  | Н               |
| _           | 69                   |  | ⊢        | ├            | _                                   |                           | -        | $\vdash$ | $\vdash$   | Н               |
|             | 70                   |  | -        | ⊢            | $\vdash$                            | $\vdash$                  | ⊢        | -        | $\vdash$   | -               |
| <u> </u>    | 71                   | _  |          | ├─           | ┝                                   | ┝╌                        | _        | $\vdash$ | ┝  |                 |
|             | 71<br>72<br>73       | _  |          | $\vdash$     |                                     |                           | -        | -        | $\vdash$   | $\vdash$        |
| _           | 73                   | _  |          | ├            | -                                   | ├                         |          | $\vdash$ |  | Н               |
| <del></del> | 74                   | H  |          | $\vdash$     |                                     | $\vdash$                  | $\vdash$ |          | -  |                 |
|             | 74<br>75             | -  |          | -            |                                     |                           |          |          |  | =               |
|             | 76                   | _  | _        | $\vdash$     | Н                                   |                           |          | $\vdash$ |  | Н               |
|             | 76<br>77<br>78<br>79 |  | $\vdash$ |              |                                     | $\vdash$                  |          | $\vdash$ |  | Н               |
|             | 78                   |  |          |              | -                                   |                           |          | Т        |  |                 |
|             | 79                   |  |          |              |                                     |                           |          |          | $\vdash$   | П               |
|             | 80                   |  |          | -            |                                     |                           |          |          |  |                 |
|             | 81                   |  |          |              |                                     |                           |          |          |  |                 |
|             | 82                   |  |          |              |                                     |                           |          |          |  |                 |
|             | 83                   |  |          |              |                                     |                           |          |          |  |                 |
|             | 84                   |  |          |              |                                     |                           |          |          |  |                 |
|             | 85                   |  |          |              |                                     |                           |          |          |  |                 |
|             | 86                   |  |          |              |                                     |                           |          |          |  |                 |
|             | 87                   |  | L        |              |                                     |                           |          |          |  |                 |
|             | 88                   |  |          | <u>_</u>     |                                     |                           |          |          |  |                 |
|             | 89                   |  |          | <u> </u>     | Ш                                   | Ш                         |          | L        |  | Ш               |
|             | 90                   |  | L        | <u> </u>     | $oxed{oxed}$                        |                           |          |          |  | Ш               |
| <u> </u>    | 91                   | L  | L        | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |                           |          | Ш        | Ш  |                 |
|             | 92                   | L  | L_       | <u> </u>     | L                                   | Щ                         | <u> </u> |          | <u> </u>   | Ш               |
| <u> </u>    | 93                   | L  | L_       | <u> </u>     | <u> </u>                            | $ldsymbol{ldsymbol{eta}}$ | L        | <u> </u> | <u> </u>   | Ш               |
| <u> </u>    | 94                   | L  | L_       | <u> </u>     | <u> </u>                            | $\vdash$                  | L_       |          | <u> </u>   | Ш               |
|             | 95                   | L  | <u> </u> | <u> </u>     | <u> </u>                            | <u> </u>                  | <u> </u> | _        | <u> </u>   | $\sqcup$        |
| <u> </u>    | 96                   | Ш  |          | ┞_           | L_                                  | <u> </u>                  |          | _        | <u> </u>   | $\sqcup$        |
|             | 97                   | Ш  | <u> </u> | ┞-           | <u> </u>                            | <u> </u>                  | <u> </u> | <u> </u> | ├  | Ш               |
|             | 98                   |  | <u> </u> | <del> </del> | <u> </u>                            | <u> </u>                  | <u> </u> | <u> </u> | <u> </u>   | $\vdash$        |
| <u> </u>    | 99                   | <u> </u>   | L_       | Ь.           | <u> </u>                            |                           | <u> </u> | $\vdash$ | <u> </u>   | Ш               |
| لـــــا     | 100                  | L  | L        | <u> </u>     | L                                   |                           |          |          | L  | Ш               |

| Cla      | aim        | Date   |    |  |   |          |  |    |          |             |  |
|----------|------------|--|----|--|---|----------|--|----|----------|-------------|--|
|          |            |  |    |  |   |          |  |    |          | $\Box$      |  |
| <u>8</u> | ina        |  |    |  |   |          |  |    |          |             |  |
| Final    | Original   |  |    |  |   |          |  |    |          |             |  |
|          | 0          |  |    |  |   |          |  |    |          |             |  |
|          | 101        |  |    |  |   | _        |  |    |          | T           |  |
|          | 102        |  |    |  |   |          | $\vdash$                               |    |          | П           |  |
|          | 103        |  |    | Г  |   |          |  |    |          | T           |  |
|          | 104        |  |    |  |   |          |  |    |          |             |  |
|          | 105        | $\overline{}$  |    |  |   |          |  |    |          |             |  |
|          | 106        |  |    | Т  | Г   |          |  |    |          | $\Box$      |  |
|          | 107        |  |    |  |   |          | Г                                      |    |          |             |  |
|          | 108        |  |    |  |   |          |  |    |          |             |  |
|          | 109        | -  |    |  |   |          |  |    |          |             |  |
|          | 110        |  |    |  |   |          |  |    |          |             |  |
|          | 111        |  |    |  |   |          |  |    |          |             |  |
|          | 112        |  |    |  |   |          |  |    |          |             |  |
|          | 112<br>113 |  |    |  |   |          |  |    |          |             |  |
|          | 114        |  |    |  |   |          |  |    |          |             |  |
|          | 114<br>115 |  |    |  |   |          |  |    |          |             |  |
|          | 116        |  |    |  |   |          |  |    |          |             |  |
|          | 117        |  |    |  |   |          |  |    |          |             |  |
|          | 118        |  |    |  |   |          |  |    |          |             |  |
|          | 119        |  |    |  |   |          |  |    |          |             |  |
|          | 120        |  |    |  |   |          |  |    |          |             |  |
|          | 121        |  |    |  |   |          |  |    |          |             |  |
|          | 122        |  |    |  |   |          |  |    |          |             |  |
|          | 122<br>123 |  |    |  |   |          |  |    |          |             |  |
|          | 124        |  |    |  |   |          |  |    |          |             |  |
|          | 125        |  |    |  |   |          |  |    |          |             |  |
|          | 125<br>126 |  |    |  |   |          |  |    |          |             |  |
|          | 127        |  |    |  |   |          |  |    |          |             |  |
|          | 128<br>129 |  |    |  |   |          |  |    |          |             |  |
|          | 129        |  |    |  |   |          |  |    |          |             |  |
|          | 130        |  |    |  |   |          |  |    |          |             |  |
|          | 131        |  |    |  |   |          |  |    |          |             |  |
|          | 132        |  |    |  |   |          |  |    | L        |             |  |
|          | 133        |  |    |  |   |          |  |    |          |             |  |
|          | 134        |  |    |  | $\Box$  |          |  | L_ | <u> </u> | Ш           |  |
|          | 135        |  |    | L  |   | <u> </u> | $\Box$                                 |    | L_       | Ш           |  |
|          | 136        |  |    | L  |   | L        | Ш                                      | L. |          | Ш           |  |
|          | 137        |  |    | _  | L   |          | Ш                                      | Ш  |          | Ш           |  |
|          | 138        | Щ.   | _  | <u> </u>                                     |   |          | Щ                                      | Ш  |          | Ш           |  |
|          | 139        | $oxed{oxed}$   | _  | <u> </u>                                     | $ldsymbol{ld}}}}}}}}}$ |          | oxdot                                  | Ш  | <u> </u> | Ш           |  |
|          | 140        |  |    | <u> </u>                                     | <u> </u>  |          | L                                      | Ш  | <u> </u> | Ш           |  |
|          | 141        |  |    | Щ  |   | <u> </u> | L.                                     |    | <u> </u> | Щ           |  |
|          | 142        |  |    | <u> </u>                                     | <u> </u>  | L_       | L_                                     |    |          | Щ           |  |
|          | 143        |  |    | L_   | <u> </u>  | <u> </u> | L                                      |    | <u> </u> | Щ           |  |
|          | 144        | L_   | L_ | <u> </u>                                     | Ш   |          | $ldsymbol{f eta}$                      | Ш  | <u> </u> | Ш           |  |
|          | 145        | L_   | L_ | <u> </u>                                     | <u> </u>  | <u> </u> | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | Ш  | <u> </u> | Ш           |  |
|          | 146        | <u> </u>   | L_ | <u> </u>                                     | <u> </u>  | <u> </u> | L.                                     | L_ | <u> </u> | Ш           |  |
|          | 147        | $ldsymbol{ld}}}}}}$ |    | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ |   |          | $oxed{oxed}$                           | Ш  | L_       | Ш           |  |
|          | 148        | $oxedsymbol{oxed}$   |    |  | _   | L        |  | L  | _        | Ш           |  |
|          | 149        | Ш  |    | L  | <u> </u>  | _        |  | Ш  |          | Ш           |  |
| L        | 150        | L  |    |  |   | <u> </u> | L                                      | L  |          | $\bigsqcup$ |  |